

PRODUCT HIGHLIGHTS

The bold, sleek design of the Discovery™ Smith Machine features high head clearance and a clean, walk through design. The 11 degree angle and innovative Smith Bar design produces a smooth, natural feel and an exceptional user experience.

SMITH MACHINE-DPL0802

DISCOVERY™ SERIES



PRODUCT FEATURES

Contoured Shoulder Pads

Shoulder pads are shaped and angled to comfortably fit the exerciser. The four-bar linkage design allows them to pivot with the user, enabling exercisers to maintain their position throughout the range of motion instead of chafing under load.

Unique Pivot System

The proprietary spherical bearing design of the pivot system allows for unique lateral and rotational movements that enhance core activation and stabilization. This provides a more natural free weight experience and teaches the exerciser how to perform a proper squat movement.

Open and Stable Foot Platform

The uniquely differentiated large, open foot platform is approachable and intuitive, supporting an exercise experience that most closely mimics a free weight squat.

Weight Plate Storage

Weight plate storage is optimized for easy loading and unloading with weight plate horns positioned at a height that is within reach for a wide range of exercisers.

Instructional Placard

Easy-to-understand, large, text-free illustrations demonstrate correct form at a glance and a QR code links to a helpful 30-second instructional video.

PRODUCT SPECIFICATIONS

Dimensions (L x W x H): 56 x 84 x 90 in / 142 x 214 x 229 cm

Max Load Weight: 600 lb / 272 kg

Starting Weight: Smith Bar Assembly (unloaded) 25 lb / 11.3 kg [Glide](#)

Path Angle: 11 degrees

Length of Smith Bar Travel: 61.5 in / 156 cm

Smith Bar Hook Spacing: 16 Hook positions at 4 in / 10 cm spacing

Linear Bearings: Qty. four (4) industrial grade linear bearings at 1,500 lb / 681 kg dynamic load capacity each (2 per side)

Head Clearance: 80 in / 203 cm walk through design Shafting: 1.25 in / 32 mm case hardened, ground turned and polished linear shafting

Safety Stops: Tested to: 600 lb / 272 kg from 18 in / 46 cm x 10 times

Weight Plate Storage Horns: Six (6) horns at 10 in / 25 cm in length

Storage Capacity: Five (5) 45 lb / 20 kg weight plates per horn = 1,350 lb / 612 kg max

Smith Bar Assembly: Bar diameter: 1.4 in / 35 mm, knurled and p